

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1. (Currently amended) A method for treating a skin disorder comprising injecting or subcutaneously introducing a polynucleotide in portions to multiple sites around the diseased skin subcutaneously using a needleless syringe, wherein the needleless syringe injects a pharmaceutical liquid by using a gas pressure or an elastic force of an elastic member to drive a piston, and the polynucleotide comprises a hepatocyte growth factor (HGF) gene, a prostacyclin synthetase (PGIS) gene, or both.

2.-5 (Cancelled)

6. (Currently amended) The method of claim 5 1, wherein the gas is helium, nitrogen, or air, and the elastic member is a spring.

7. (Cancelled)

8. (Cancelled)

9. (Currently amended) The method of claim 1 or 2 claim 1 or 6, wherein the skin disorder is a wound, cutaneous ulcer, or psoriasis.

10. (Previously presented) The method of claim 9, wherein the wound is a post-surgical wound or a wound caused by an injury or accident.

11. (Previously presented) The method of claim 9, wherein the cutaneous ulcer is an intractable cutaneous ulcer.

12. (Previously presented) The method of claim 11, wherein the intractable cutaneous ulcer is a diabetic ulcer, bedsore (pressure ulcer), or ulcer associated with venous or arterial insufficiency.

13. (Previously presented) A method for treating a wound or cutaneous ulcer, comprising injecting or subcutaneously introducing an HGF gene or PGIS gene around diseased skin using a needleless syringe.

14. (Previously presented) The method of claim 13, comprising injecting or subcutaneously introducing the HGF gene and PGIS gene around the diseased skin using a needleless syringe.

15-45. (cancelled)